

## **2020 Summer Math Practice Assignment on IXL Directions**

### **ACCOUNT SETUP AVAILABLE AFTER JULY 13, 2020**

You have been given a Math Practice Checklist for the math course you are going into next year. All work will be done in IXL, an on-line math program. It is important that you practice every skill assigned. Students who have not completed this assignment when they return to school in the fall will be required to stay after school to complete this work.

The skills you are assigned will be needed for your math course. If you encounter an assigned skill that you don't remember or think you have not learned you can view the tutorial on the topic under each assignment as well as visit other websites you find helpful. There will be remote help sessions with teachers throughout the summer. *[Note: Please do not be concerned if the "course" that the skill comes from is below your grade level. Your teacher knows this skill will be needed and wants you to practice it, no matter when you learned it.]*

Directions (see back of this page for these directions in visual form):

1. Go to [www.ixl.com/signin/gltech](http://www.ixl.com/signin/gltech).
2. Log into your IXL account by entering your username (your school issued student ID number) and password (default is student@123; you can change your password at any time).
  - If you forget your password, please email [cchisolm@gltech.org](mailto:cchisolm@gltech.org) with your name and student ID number.
3. Select a skill to practice from the checklist. Once you select that skill, follow these steps to find that skill in IXL:
  - Step 1: Find and click on the "course name" for the skill you are working on, for example "Algebra 1 Skills."
  - Step 2: On the course page, look for the "topic group" (in green lettering) for the skill you are working on, for example "Solve Equations."
  - Step 3: Now look within that topic group for the skill number and name you are working on, for example, "J.8 Solve Linear Equations: Word Problems."
4. Start answering the questions. If you answer a question correctly you will be given another question. If your answer is wrong you will be given an explanation of why your answer is wrong. Once you understand it, click on "got it" and you will be given another question.
5. Keep working until your SmartScore, which is on the right side of the screen, reaches the target SmartScore on your checklist. When you reach the target SmartScore you can stop working on this skill and check this skill off as completed on your practice checklist.
6. You can stop working any time. The SmartScore for the skill you are practicing is automatically saved for the next practice session. When you go back in and select that same skill, your SmartScore will be what it was when you stopped your last session.
7. To sign up for a virtual help session please email [cchisolm@gltech.org](mailto:cchisolm@gltech.org) with your name and the date and time you would like to attend. You will be emailed instructions to attend the session. The dates and time are posted on the GLTHS website, [www.gltech.org](http://www.gltech.org)

## LOGIN

Log into your IXL account at <http://www.ixl.com/signin/gltech>

**Forgot Username or Password?**  
click here

Greater Lowell Technical High School

Sign in

Username  @gltech

Password

Sign in  Remember

[Forgot username?](#) [Forgot password?](#)

**Username:**  
Your school issued student ID number

**Password:**  
default is student@123;  
you can change your password at any time

## SELECT THE SKILL TO PRACTICE

Step 1:  
Find and click on the **Course Name** for the skill you are working on, for example **Algebra 1 Skills**.

Step 2:  
On the course page, look for the **Topic Group** (in green lettering) of the skill you are working on, for example **Solve Equations**.

**Eighth-grade skills**

- Multipl... numbers written in scientific notation
- Rate of change
- Converse of the Pythagorean theorem: is it a right triangle?
- Volume and surface area of similar solids
- Write variable expressions for arithmetic sequences

[See all 278 eighth-grade skills >>](#)

**Algebra 1 skills**

- Write an equation for a parallel or perpendicular line
- Solve a system of equations by graphing
- Solve a quadratic equation using the quadratic formula
- Simplify radical expressions
- Rational functions: asymptotes and excluded values

[See all 279 Algebra 1 skills >>](#)

**Algebra 1**

Here is a list of all of the skills in this course. Click on a skill name to view a sample question and see how the difficulty increases as you improve.

**Solve equations**

- J.1** Model and solve equations using algebra tiles
- J.2** Write and solve equations that represent diagrams
- J.3** Solve one-step linear equations
- J.4** Solve two-step linear equations
- J.5** Solve advanced linear equations
- J.6** Solve equations with variables on both sides
- J.7** Identities and equations with no solutions
- J.8** Solve linear equations: word problems
- J.9** Solve linear equations: mixed review

**Single-variable inequalities**

- K.1** Graph inequalities

Step 3:  
Now look within that topic group for the skill code and name you are working on, for example, **J.8 Solve Linear Equations: Word Problems**.

## PRACTICING THE SKILL

Algebra 1 > J.8 Solve linear equations: word problems

Brandy has already baked 1 pie, and she can bake 1 pie with each additional cup of sugar she buys. How many additional cups of sugar does Brandy need in order to bake a total of 48 pies?

additional cups of sugar

Submit

Start answering the questions. Enter your answer and click the green 'Submit' button. If your answer is correct, you are given a new question to practice.

Once you have achieved the SmartScore listed on your practice checklist you can check this skill off on your practice checklist.

Problems attempted: 18

Time elapsed: 00:17:26

SmartScore out of 100: 82

Sorry, incorrect...

The correct answer is: 19 visits

Explanation

A person can pay \$15 for a membership to the art museum and...

Got it

If your answer is incorrect, you are shown an explanation of the correct answer. Once you read and understand it, click the green 'Got It' button to get a new question to practice.

FYI. You can stop practicing at any time. The SmartScore for the skill you are practicing is automatically saved for the next practice session.